L Number	Hits	Search Text	DB	Time stamp
2	4	(US-4753863-\$ or US-5360747-\$ or US-5329090-\$ or	USPAT	2004/05/03 07:33
	•	US-5962097-\$).did.		0004/05/00 00 00
3	8	(US-6656820-\$ or US-6603191-\$ or US-6579748-\$ or	USPAT;	2004/05/03 09:29
		US-6303471-\$ or US-5893760-\$ or US-3861969-\$ or	US-PGPUB	
4	150592	US-5856230-\$).did. or (US-20020048906-\$).did. 438/\$.ccls.	USPAT;	2004/05/03 09:30
	100002	400/ψ.0013.	US-PGPUB;	2004/00/00 00:00
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
5	20	438/\$.ccls. and ((cvd) near2 resin)	USPAT;	2004/05/03 09:30
			US-PGPUB;	
			EPO; JPO;	
			DERWENT; IBM TDB	
_	145829	438/\$.ccls.	USPAT;	2003/12/11 10:20
	140025	400/ψ.0013.	US-PGPUB;	2000/12/11 10.20
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	46		USPAT;	2003/12/11 11:43
		or substrate))	US-PGPUB;	
			EPO; JPO;	
			DERWENT; IBM TDB	
_	1	("6544655").PN.	USPAT	2003/12/10 13:13
_	2492	438/460-465.ccls.	USPAT;	2003/12/10 13:13
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	121	438/460-465.ccls.	USPAT;	2003/12/11 11:43
		and warp\$4	US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
_	82	roman-angel.xa.	USPAT;	2003/12/10 14:16
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	0.407	400/0	IBM_TDB	2002/42/40 44:40
-	2487	438/\$.ccls. and warp\$4	USPAT; US-PGPUB;	2003/12/10 14:48
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	840	(438/\$.ccls. and warp\$4) and (thinn\$4 or grind\$4)	USPAT;	2003/12/10 14:49
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
_	251	((438/\$.ccls. and warp\$4) and (thinn\$4 or grind\$4)) and	IBM_TDB USPAT;	2003/12/11 11:43
-	201	((dicing or cutt\$4 or singulat\$4 or separat\$4) near4 wafer)	US-PGPUB;	2000/12/11 11.40
		(EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	196		USPAT;	2003/12/11 11:43
		((dicing or cutt\$4 or singulat\$4 or separat\$4) near4 wafer))	US-PGPUB;	
		not (438/460-465.ccls.	EPO; JPO; DERWENT;	
		and warp\$4)	IBM TDB	
			1014 100	1

_	2471	438/113,114,460,464,465.ccls.	USPAT;	2003/12/11 10:37
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	1	438/113,114,460,464,465.ccls. and sbl	USPAT;	2003/12/11 11:22
			US-PGPUB:	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
<u> </u>	1327	438/113,114,460,464,465.ccls.	USPAT;	2003/12/11 12:13
:	102.		US-PGPUB	2000/12/11/21/0
	590	438/113,114,460,464,465.ccls. and (thinn\$4 or grind\$\$ or	USPAT;	2003/12/11 11:40
		polish\$4)	US-PGPUB;	2000/12/11 /1:10
	ļ		EPO; JPO;	
	Î		DERWENT;	,
			IBM TDB	
	628	138/113 114 460 464 465 cole and (thinn\$4 or grind\$\$ or	USPAT;	2003/12/11 12:12
_	020	438/113,114,460,464,465.ccls. and (thinn\$4 or grind\$\$ or	'	2003/12/11 12.12
		polish\$4 or buf\$5)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	100	(420)442 444 400 404 405 sala and (45) and 45 and an arith 166 a	IBM_TDB	2002/40/44 44:40
-	162	(438/113,114,460,464,465.ccls. and (thinn\$4 or grind\$\$ or	USPAT;	2003/12/11 11:42
		polish\$4 or buf\$5)) and (warp\$4 or twist\$4 or deform\$6 or	US-PGPUB;	
		contort\$4)	EPO; JPO;	
			DERWENT;	
	470		IBM_TDB	0000/40/44 44 40
 -	179	(((438/\$.ccls. and warp\$4) and (thinn\$4 or grind\$4)) and	USPAT;	2003/12/11 11:43
		((dicing or cutt\$4 or singulat\$4 or separat\$4) near4 wafer))	US-PGPUB;	
		not (438/460-465.ccls.	EPO; JPO;	
•		and warp\$4)	DERWENT;	
			IBM_TDB	
-	121	438/460-465.ccls.	USPAT;	2003/12/11 11:43
		and warp\$4	US-PGPUB;	
			EPO; JPO;	
		·	DERWENT;	
			IBM_TDB	
_	46	438/\$.ccls. and ((stress near2 balanc\$4) near3 (layer or film	USPAT;	2003/12/11 11:43
		or substrate))	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	83	((438/113,114,460,464,465.ccls. and (thinn\$4 or grind\$\$ or	USPAT;	2003/12/11 12:13
		polish\$4 or buf\$5)) and (warp\$4 or twist\$4 or deform\$6 or	US-PGPUB;	
		contort\$4)) not (((((438/\$.ccls. and warp\$4) and (thinn\$4 or	EPO; JPO;	
		grind\$4)) and ((dicing or cutt\$4 or singulat\$4 or separat\$4)	DERWENT;	
		near4 wafer)) not (438/460-465.ccls.	IBM_TDB	
		and warp\$4)) or (438/460-465.ccls.		
		and warp\$4) or (438/\$.ccls. and ((stress near2 balanc\$4)		
		near3 (layer or film or substrate))))		
-	906	438/460,464,465.ccls.	USPAT;	2003/12/11 12:11
			US-PGPUB	
-	438	438/460,464,465.ccls. and (thinn\$4 or grind\$\$ or polish\$4 or	USPAT;	2003/12/11 12:12
		buf\$5)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	437	438/460,464,465.ccls. and (thinn\$4 or grind\$4 or polish\$4 or	USPAT;	2003/12/11 12:14
		buf\$5)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
	 	 		·

-	1	(438/460,464,465.ccls. and (thinn\$4 or grind\$\$ or polish\$4 or buf\$5)) not (438/460,464,465.ccls. and (thinn\$4 or grind\$4 or polish\$4 or buf\$5))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/11 12:12
	0	((438/460,464,465.ccls. and (thinn\$4 or grind\$\$ or polish\$4 or buf\$5)) not (438/460,464,465.ccls. and (thinn\$4 or grind\$4 or polish\$4 or buf\$5))) not (((((438/\$.ccls. and warp\$4) and (thinn\$4 or grind\$4)) and ((dicing or cutt\$4 or singulat\$4 or separat\$4) near4 wafer)) not (438/460-465.ccls. and warp\$4) or (438/460-465.ccls. and warp\$4) or (438/\$.ccls. and ((stress near2 balanc\$4) near3 (layer or film or substrate))) or (((438/113,114,460,464,465.ccls. and (thinn\$4 or grind\$\$ or polish\$4 or buf\$5)) and (warp\$4 or twist\$4 or deform\$6 or contort\$4)) not ((((438/\$.ccls. and warp\$4) and (thinn\$4 or grind\$4)) and ((dicing or cutt\$4 or singulat\$4 or separat\$4) near4 wafer)) not (438/460-465.ccls. and warp\$4) or (438/460-465.ccls. and warp\$4) or (438/\$.ccls. and ((stress near2 balanc\$4)) and warp\$4) or (438/\$.ccls. and ((stress near2 balanc\$4)) and warp\$4) or (438/\$.ccls. and ((stress near2 balanc\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/11 12:13
	318	near3 (layer or film or substrate)))))) (438/460,464,465.ccls. and (thinn\$4 or grind\$\$ or polish\$4 or buf\$5)) not ((((438/\$.ccls. and warp\$4) and (thinn\$4 or grind\$4)) and ((dicing or cutt\$4 or singulat\$4 or separat\$4) near4 wafer)) not (438/460-465.ccls. and warp\$4) or (438/460-465.ccls. and warp\$4) or (438/\$.ccls. and ((stress near2 balanc\$4) near3 (layer or film or substrate))) or (((438/113,114,460,464,465.ccls. and (thinn\$4 or grind\$\$ or polish\$4 or buf\$5)) and (warp\$4 or twist\$4 or deform\$6 or contort\$4)) not ((((438/\$.ccls. and warp\$4) and (thinn\$4 or grind\$4)) and ((dicing or cutt\$4 or singulat\$4 or separat\$4) near4 wafer)) not (438/460-465.ccls. and warp\$4)) or (438/460-465.ccls. and warp\$4)) or (438/\$.ccls. and ((stress near2 balanc\$4) near3 (layer or film or substrate))))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/12/11 12:14
-	633	438/113,114.ccls.	USPAT; US-PGPUB	2003/12/11 12:13

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-	22	(US-6037634-\$ or US-6544655-\$ or US-5521123-\$ or	USPAT;	2003/12/11 14:57
1		US-6426275-\$ or US-6451671-\$ or US-6562658-\$ or	US-PGPUB	
		US-6297131-\$ or US-6656820-\$ or US-6593254-\$ or		
		US-6156623-\$ or US-6642127-\$ or US-6303471-\$ or		
		US-6136668-\$ or US-6025251-\$ or US-5650363-\$ or		
		US-5641714-\$ or US-3874918-\$).did. or (US-20020048906-\$		
		or US-20020173077-\$ or US-20010042902-\$ or		
		US-20030077878-\$ or US-20020123210-\$).did.		
	10	(US-6656820-\$ or US-6593254-\$ or US-6426275-\$ or	USPAT;	2003/12/11 15:26
-	'0		•	2003/12/11 13.20
		US-6303471-\$ or US-6136668-\$ or US-6025251-\$).did. or	US-PGPUB	
		(US-20020173077-\$ or US-20020123210-\$ or	•	
		US-20020048906-\$ or US-20010042902-\$).did.		
-	0	20020173077.URPN.	USPAT	2003/12/11 15:24
-	0]	20020123210.URPN.	USPAT	2003/12/11 15:25
-	0	20020048906.URPN.	USPAT	2003/12/11 15:25
-	3	("6603191").PN.	USPAT;	2003/12/11 15:26
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			DERWENT;	
			IBM TDB	
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	٦	"6174751" "6180435" "6265783" "6321734").PN.	J J , , , ,	
	١	6603191.URPN.	USPAT	2003/12/11 15:27
-	0		USPAT	2003/12/11 15:28
-	9	("4626275" "5270261" "5455202" "5641714" "5888883"	USPAT	2003/12/11 15.26
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-	0	6656820.URPN.	USPAT	2003/12/11 15:29
	12	("4404736" "5382551" "5599722" "5716873" "5780311"	USPAT	2003/12/11 15:29
}		"5783850" "5801084" "5847463" "5856230" "5893760"		
		"5958796" "6080675").PN.		
-	6	("3861969" "4537244" "5160998" "5247557" "5448096"	USPAT	2003/12/11 15:30
		"5736226").PN.		
_	5	5893760.ÚRPN.	USPAT	2003/12/11 15:33
]_		("4985745" "5071785" "5113236" "5183783").PN.	USPAT	2003/12/11 15:34
_	8	("4017341" "4581814" "5019529" "5071785" "5124561"	USPAT	2003/12/11 15:37
		"5226403" "5230184" "5234867").PN.		2000/12/11/10:07
	9	("3381182" "3462650" "3494809" "3566220" "3721588"	USPAT	2003/12/11 15:38
		"3798753" "3862852" "3925803" "3929528").PN.	001711	2000/12/11 10:00
	28	4017341.URPN.	USPAT	2003/12/11 15:39
-			USPAT	2003/12/11 15:39
-	0	6593254.URPN.		
-	5	("5637395" "5942578" "5960260" "6040204"	USPAT	2003/12/11 15:42
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-	0	6426275.URPN.	USPAT	2003/12/11 15:43
-	10	("4908328" "5284803" "5445692" "5654226" "5851845"	USPAT	2003/12/11 15:43
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		"6136668").PN.		
-	1	6303471.URPN.	USPAT	2003/12/11 15:45
-	2	("3970819" "5552345").PN.	USPAT	2003/12/11 15:45
-	5	6136668.URPN.	USPAT	2003/12/11 15:46
-	9	("3701696" "3918150" "5040044" "5172195" "5250466"	USPAT	2003/12/11 15:46
	_	"5284781" "5349211" "5429954" "5923053").PN.		
_	4	6025251.URPN.	USPAT	2003/12/11 15:47
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	'0	US-6303471-\$ or US-6136668-\$ or US-6025251-\$ or	US-PGPUB	
		,	00-1 01 05	
]		US-6603191-\$ or US-5893760-\$ or US-5801084-\$ or		
		US-5382551-\$ or US-4017341-\$).did. or (US-20020173077-\$		
		or US-20020123210-\$ or US-20020048906-\$ or		
		US-20010042902-\$).did.		
-	. 2	("20030162368").PN.	USPAT;	2003/12/11 16:23
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
L	<u> </u>			J

-	10	(US-6656820-\$ or US-6303471-\$ or US-6136668-\$ or	USPAT;	2004/04/19 09:51
		US-6025251-\$ or US-6593254-\$ or US-6603191-\$ or	US-PGPUB	
		US-5893760-\$).did. or (US-20030162368-\$ or		
		US-20020173077-\$ or US-20020048906-\$).did.		
-	150084	438/\$.ccls.	USPAT;	2004/04/19 10:01
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		US-PGPUB;	
			EPO; JPO;	
			DERWENT:	
			IBM TDB	
	1244	429/\$ sole and (thinn\$4 near3 wafer)	USPAT;	2004/04/19 10:09
~	1244	438/\$.ccls. and (thinn\$4 near3 wafer)	, ·	2004/04/19 10.09
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
		_	IBM_TDB	0004/04/40 40 00
-	3	(438/\$.ccls. and (thinn\$4 near3 wafer)) and ((stress near2	USPAT;	2004/04/19 10:08
		(balanc\$4 or supres\$5 or correct\$4 or regulat\$4 or	US-PGPUB;	
		equalizing)) near3 (layer or film or substrate))	EPO; JPO;]
			DERWENT;	
			IBM TDB	
_	2586	438/460-465.ccls.	USPAT;	2004/04/19 10:09
	2000	400/400 100:0010:	US-PGPUB:	
			EPO; JPO;	
			DERWENT;	
			· ·	
			IBM_TDB	0004/04/40 40:00
-	148	438/460-465.ccls. and (thinn\$4 near3 wafer)	USPAT;	2004/04/19 10:09
			US-PGPUB;	
]			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	73	(438/460-465.ccls. and (thinn\$4 near3 wafer)) and (warp or	USPAT;	2004/04/19 10:09
		stress)	US-PGPUB:	
			EPO; JPO;	
			DERWENT;	·
			IBM TDB	
	12	(US-6303471-\$ or US-6579748-\$ or US-6451671-\$ or	USPAT;	2004/04/20 12:28
-	12		US-PGPUB	2004/04/20 12:20
		US-5480842-\$ or US-6156623-\$ or US-5733814-\$ or	00-20100	
		US-4612408-\$ or US-3878008-\$).did. or (US-20020048906-\$		
		or US-20030215985-\$ or US-20030235937-\$ or		
		US-20020177288-\$).did.		0004/04/00 40 00
-	10		USPAT;	2004/04/20 12:29
		US-6303471-\$ or US-6136668-\$ or US-5893760-\$ or	US-PGPUB	
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		US-20030162368-\$ or US-20020048906-\$).did.		
_	6	("3861969" "4537244" "5160998" "5247557" "5448096"	USPAT	2004/04/20 14:16
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_	5	5893760.URPN.	USPAT	2004/04/20 14:18
_	12		USPAT	2004/04/20 14:19
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	_	"5958796" "6080675").PN.	USPAT	2004/04/20 14:23
-	0	6593254.URPN.		2004/04/20 14:24
-	0		USPAT	
-	11	1 1	USPAT;	2004/04/20 14:24
		US-6656820-\$ or US-6603191-\$ or US-5893760-\$ or	US-PGPUB	
	1	US-3861969-\$ or US-5856230-\$ or US-5801084-\$ or		
	1	US-5780311-\$).did. or (US-20020048906-\$).did.		
-	0	20020048906.ÚRPN.	USPAT	2004/04/20 14:57
_	9		USPAT	2004/04/20 14:57
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_	0	6656820.URPN.	USPAT	2004/04/20 14:59
	9		USPAT	2004/04/20 14:59
-	9	"6174751" "6180435" "6265783" "6321734").PN.		
	_	· · · · · · · · · · · · · · · · · · ·	USPAT	2004/04/20 15:01
-	0	6603191.URPN.		
-	12		USPAT	2004/04/20 15:01
]	"6001671" "6008070" "6096574" "6107164" "6140144"		
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		10:07:00 AM Page 6		

Search History 5/3/04 10:07:00 AM Page 6

- 0 6579748.URPN. - 10 ("4908328" "5284803" "5445692" "5654226" "5851845" USPAT USPAT "5918113" "5994205" "6013534" "6077757" "6136668").PN. - 2 6303471.URPN.	2004/04/20 15:03 2004/04/20 15:04
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"6136668").PN.	
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- 6 ("3861969" "4537244" "5160998" "5247557" "5448096" USPAT	2004/04/20 15:07
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- 5 5893760.URPN. USPAT	2004/04/20 15:07
- 1 "5212111".PN. USPAT	2004/04/20 15:07
- 5 5856230.URPN. USPAT	2004/04/20 15:07
- 4 ("4985745" "5071785" "5113236" "5183783").PN. USPAT	2004/04/20 15:09
- 15 5801084:URPN. USPAT	2004/04/20 15:10
- 7 ("3966577" "5049968" "5071785" "5084408" "5113236" USPAT	2004/04/20 15:12
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- 14 5780311.URPN. USPAT	2004/04/20 15:13
- 14 5780311.URPN. USPAT	2004/04/20 15:32
- 3 ("4131984" "4179318" "4456782").PN. USPAT	2004/04/20 15:32
- 29 4612408.URPN. USPAT	2004/04/20 15:32
- 2 ("3580745" "3629018").PN. USPAT	2004/04/20 15:36
- 7 3861969.URPN. USPAT	2004/04/20 15:36
- 150210 438/\$.ccls. USPAT;	2004/04/20 16:37
US-PGPUE	3;
EPO; JPO;	•
DERWENT	
IBM TDB	
- 550 438/\$.ccls. and (reduc\$4 with warp\$5) USPAT;	2004/04/20 16:38
US-PGPUE	
EPO; JPO	'
DERWENT IDA TOR	1
IBM_TDB	0004/04/00 00 00
- 11 (US-6303471-\$ or US-6579748-\$ or US-4612408-\$ or USPAT;	2004/04/26 09:00
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- 11 (US-6303471-\$ or US-6579748-\$ or US-4612408-\$ or USPAT;	2004/04/26 11:39
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US-3861969-\$ or US-5801084-\$ or US-5856230-\$ or	
US-5780311-\$).did. or (US-20020048906-\$).did.	
- 8 (US-6579748-\$ or US-6303471-\$ or US-5893760-\$ or USPAT;	2004/04/26 12:38
US-5856230-\$ or US-3861969-\$ or US-6656820-\$ or US-PGPU8	3 .
US-6603191-\$).did. or (US-20020048906-\$).did.	
- 23 US-2357600-\$.DID. OR US-2413767-\$.DID. OR USPAT	2004/04/26 12:42
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US-3254776-\$.DID. OR US-3327889-\$.DID. OR	
US-3625384-\$.DID. OR US-3628672-\$.DID. OR	
US-3751587-\$.DID. OR US-3774352-\$.DID. OR	
US-0379907-\$.DID. OR US-0383750-\$.DID. OR	
US-3887997-\$.DID. OR US-3903934-\$.DID. OR	
US-3937386-\$.DID. OR US-3969813-\$.DID. OR	
US-3973665-\$.DID. OR US-4024545-\$.DID. OR	
US-4027246-\$.DID. OR US-4030622-\$.DID. OR	
US-4058217-\$.DID. OR US-4095095-\$.DID. OR	
US-0409776-\$.DID.	2004/04/26 42:44
- 23 US-0423044-\$.DID. OR US-4148057-\$.DID. OR USPAT	2004/04/26 12:44
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